

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 19603/3211 (CRF D-2594A)	SERIAL NO. To Be Assigned
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
b	1 5,385,835	01/31/1995	Helentjaris et al.	/	/	RECEIVED
	2 5,434,344	07/18/1995	Bennett et al.	/	/	FEB 19 2003
	3 5,437,697	08/01/1995	Sebastian et al.	/	/	TECH CENTER 1600/2900
	4 5,746,023	05/05/1998	Hanafey et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

b	5	Chen et al., "Mapping of QTLs for Lycopene and Other Fruit Traits in a <i>Lycopersicon esculentum</i> x <i>L. pimpinellifolium</i> Cross and Comparison of QTLs Across Tomato Species," <i>Molecular Breeding</i> 5:283-299 (1999)
		Khalf-Allah et al., "Relative Importance of Types of Gene Action for Early-Yield, Total Yield and Fruit Size in Tomato," <i>Egyptian J. Genetic. Cytol.</i> 1:51-60 (1972)
b	7	Rottmann et al., "1-Aminocyclopropane-1-Carboxylate Synthase in Tomato is Encoded by a Multigene Family Whose Transcription is Induced During Fruit and Floral Senescence," <i>J. Mol. Biol.</i> 222:937-961 (1991)
		van Ooijen, "Accuracy of Mapping Quantitative Trait Loci in Autogamous Species," <i>Theor. Appl. Genet.</i> 84:803-811 (1992)
b	9	Grandillo et al., "Identifying the Loci Responsible for Natural Variation in Fruit Size and Shape in Tomato," <i>Theor. Appl. Genet.</i> 99:978-987 (1999)

EXAMINER

*Steven D. Tanksley*

DATE CONSIDERED

*4/20/03*

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<i>SD</i>	10	Grandillo et al., "QTL Analysis of Horticultural Traits Differentiating the Cultivated Tomato from the Closely Related Species <i>Lycopersicon Pimpinellifolium</i> ," <i>Theor. Appl. Genet.</i> 92:935-951 (1996)
	11	Weller, "Mapping and Analysis of Quantitative Trait Loci in <i>Lycopersicon</i> (tomato) with the Aid of Genetic Markers Using Approximate Maximum Likelihood Methods," <i>Heredity</i> 59:413-421 (1987)
	12	Alpert et al., "High-Resolution Mapping and Isolation of a Yeast Artificial Chromosome Contig Containing <i>fw2.2</i> : A Major Fruit Weight Quantitative Trait Locus in Tomato," <i>Proc. Natl. Acad. Sci. USA</i> 93:15503-15507 (1996)
	13	Brommonschenkel et al., "The Broad-Spectrum Tospovirus Resistance Gene <i>Sw-5</i> of Tomato is a Homolog of the Root-Knot Nematode Resistance Gene <i>Mi</i> ," <i>Mol. Plant Microbe Interact.</i> 13(10):1130-1138 (2000)
	14	Frary et al., " <i>fw2.2</i> : A Quantitative Trait Locus Key to the Evolution of Tomato Fruit Size," <i>Science</i> 289(5476):85-88 (2000)
	15	Vision et al., "Selective Mapping: A Strategy for Optimizing the Construction of High-Density Linkage Maps," <i>Genetics</i> 155(1):407-420 (2000)
	16	Alpert et al., " <i>fw2.2</i> : A Major QTL Controlling Fruit Weight is Common to Both Red- and Green Fruited Tomato Species," <i>Theor. &amp; Applied Genetics</i> 91:994-1000 (1995)
EXAMINER		DATE CONSIDERED <i>4/30/03</i>

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